**Sugar Ban Explained**

Ask students: How many sugar packets do you think are inside a 20 ounce bottle of soda?

Consider having a 20 ounce soda bottle and a sugar packet to display.

Ask students:

Guess as close as you can.

Give an answer you know is too high.

Give an answer you know is too low.

Show students the video: <http://www.youtube.com/watch?v=24sJe9H29NE&list=PL4CGYNsoW2iCb4uQUNgWK6TJJgNVp-MpP>

Ask students their positions on the topic and whether they agree or disagree with the mayor’s decision for banning sugary drinks in containers greater than 16 ounces.

Students can find percentages of sugar in various other drinks and/or foods and determine which are healthier choices.

**An Unfair Game: English Football’s Rising Ticket Prices**

Ask students whether they’ve ever attended a professional sports game (Orioles, Ravens, etc.) and ask them whether they know how much each ticket costs. Record their responses.

Have students research current ticket prices for a professional football game. Have them determine the cost of their family attending a game. Estimate the cost for all of those family members to have a snack and drink and for parking fees/transportation to the stadium.

Show students the video:

<http://www.youtube.com/watch?v=sIMqormHAi0&index=28&list=PL4CGYNsoW2iCb4uQUNgWK6TJJgNVp-MpP>

Have students compare the cost of attending a football game in the U.S. with the cost of attending an English football game.

A possible math journal entry could be whether they think it’s fair that the fans cannot afford to attend games and what a more appropriate ticket price could be.

**Brutal Weather Hits U.S.**

Using a daily weather map from a newspaper or other source, discuss the elements that cause and affect weather. Observe and record how the predictions compare to the actual weather for a designated period of time and make a graph comparing predictions to actual weather.

Show students the video:

<http://www.nytimes.com/news/minute/2014/05/01/times-minute-brutal-weather-hits-u-s/?_php=true&_type=blogs&_r=0>

Students can work independently or with a partner/group to research a weather topic they’re interested in. They should find various states in the U.S. that have been affected by this type of weather and use the data to construct a graph and determine mean, median, mode, range, etc.